

**NSDI Cooperative Agreements Program  
Metadata Training & Outreach Project  
Final Project Summary**

**Agreement Number:** 04HQAG0154  
**Final Report**

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**Project Narrative**

Coincident with this agreement, the Florida Fish and Wildlife Conservation Commission (FWC) was reorganized and the former Florida Marine Research Institute (FMRI) became the new Fish and Wildlife Research Institute (FWRI). Thus, FWRI not only includes marine research, but has been expanded to include freshwater fish and wildlife (*e.g.*, bears, panthers, and birds) research.

FWC has also implemented a "Data Inventory" project to identify all of its data holdings from the 1960s to present. This effort has brought the need for metadata within our agency to the forefront. Staff has worked diligently with numerous freshwater fish and wildlife researchers to introduce them to the concept of metadata. Over 700 records were collected as part of the Data Inventory project and preliminary metadata (*i.e.*, 11 fields, 7 of which are FGDC-compliant) were captured for each of these records. Table 1 details the Data Inventory records collected, by section/sub-section. These preliminary metadata records will form the foundation of FWC's metadata holdings. Complete FGDC-compliant metadata records will be developed for priority datasets.

In addition to expanding FWC metadata efforts, we worked with the following entities to advance/support their metadata efforts: University of Miami-Rosenstiel School of Marine and Atmospheric Science (RSMAS) Library, and University of South Florida (USF) – College of Marine Science. Collaboration was extended to Florida Department of Environmental Protection's (FDEP) Bureau of Emergency Response (BER) and the U.S. Coast Guard District Seven Marine Safety Office, via FDEP-BER, through the FWC-FWRI GIS efforts.

Table 1. Number of Data Inventory records collected by section/subsection.

FWRI Section	Subsection	Pre 2005 Metadata Records	Data Inventory
<b>Ecosystem Assessment and Restoration</b>	Fish and Wildlife Forensics	0	0
	Fish and Wildlife Health	3	22
	Habitat Research	12	18
	Harmful Algal Blooms Research	111	23
Total		126	63
<b>Freshwater Fisheries Research</b>	Fisheries Biology	0	120
	Freshwater Resources Assessment	0	76
Total		0	196
<b>Information Science and Management</b>	Center for Biostatistics and Modeling		
	Center for Spatial Analysis	491	215
	Information Access		
	Socioeconomic Assessment		
	Collections	1	18
Total		492	233
<b>Marine Fisheries Research</b>	Fisheries Biology	31	66
	Fisheries Dependent Monitoring	3	10
	Fisheries Independent Monitoring	16	18
	Fisheries Stock Assessment	1	69
	Keys Fisheries Research	34	13
	Fisheries Stock Enhancement Research	10	8
Total		85	184
<b>Wildlife Research</b>	Avian Research	0	14
	Terrestrial Mammal Research	0	11
	Marine Mammal Research	59	16
	Reptile and Amphibian Research	0	12
	Marine Turtle Research	5	0
Total		64	53
	<b>Total</b>	1236	729

### Metadata training and outreach assistance

The following narrative takes our goals for this project one-by-one, as identified in our proposal, and reports on our status. Table 2 provides a summary of our efforts.

- *Modify our training materials to remove references to FWC-FMRI required standards for all non-FMRI participants.*

The FMRI manual has been updated to reflect the move to FWC-FWRI. It was decided that by making a few modifications, the references to FWRI metadata records could be retained as examples to be used in training. Good examples of completed metadata records go a long way in explaining the types of information needed.